

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/764,957
Source: 1fwj0
Date Processed by STIC: 10/18/04

ENTERED



IFWO

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/764,957

DATE: 10/18/2004
 TIME: 13:57:31

Input Set : A:\02-742-0_400.144 SeqList.txt
 Output Set: N:\CRF4\10182004\J764957.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4 McSwiggen, James
 5 Pavco, Pamela
 6 Beigelman, Leo
 8 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
 9 Growth Factor and Vascular Endothelial Growth Factor Receptor
 10 Gene Expression Using Short Interfering Nucleic Acid (siNA)
 12 <130> FILE REFERENCE: 400/144 (MBHB02-742-O)
 14 <140> CURRENT APPLICATION NUMBER: US 10/764,957
 15 <141> CURRENT FILING DATE: 2004-01-26
 17 <150> PRIOR APPLICATION NUMBER: US 10/670,011
 18 <151> PRIOR FILING DATE: 2003-09-23
 20 <150> PRIOR APPLICATION NUMBER: US 10/665,255
 21 <151> PRIOR FILING DATE: 2003-09-16
 23 <150> PRIOR APPLICATION NUMBER: PCT/US03/05022
 24 <151> PRIOR FILING DATE: 2003-02-20
 26 <150> PRIOR APPLICATION NUMBER: US60/358,580
 27 <151> PRIOR FILING DATE: 2002-02-20
 29 <150> PRIOR APPLICATION NUMBER: US60/363,124
 30 <151> PRIOR FILING DATE: 2002-03-11
 32 <150> PRIOR APPLICATION NUMBER: US60/386,782
 33 <151> PRIOR FILING DATE: 2002-06-06
 35 <150> PRIOR APPLICATION NUMBER: US60/393,796
 36 <151> PRIOR FILING DATE: 2002-07-03
 38 <150> PRIOR APPLICATION NUMBER: US60/399,348
 39 <151> PRIOR FILING DATE: 2002-07-29
 41 <150> PRIOR APPLICATION NUMBER: US60/406,784
 42 <151> PRIOR FILING DATE: 2002-08-29
 44 <150> PRIOR APPLICATION NUMBER: US60/408,378
 45 <151> PRIOR FILING DATE: 2002-09-05
 47 <150> PRIOR APPLICATION NUMBER: US60/409,293
 48 <151> PRIOR FILING DATE: 2002-09-09
 50 <150> PRIOR APPLICATION NUMBER: US60/440,129
 51 <151> PRIOR FILING DATE: 2003-01-15
 53 <150> PRIOR APPLICATION NUMBER: US10/306,747
 54 <151> PRIOR FILING DATE: 2002-11-27
 56 <150> PRIOR APPLICATION NUMBER: US60/344,461
 57 <151> PRIOR FILING DATE: 2001-11-30
 59 <150> PRIOR APPLICATION NUMBER: US10/287,949
 60 <151> PRIOR FILING DATE: 2002-11-04
 62 <150> PRIOR APPLICATION NUMBER: PCT/US02/17674
 63 <151> PRIOR FILING DATE: 2002-05-29
 65 <160> NUMBER OF SEQ ID NOS: 473

10-11
 JF

RAW SEQUENCE LISTING

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Input Set : A:\02-742-0_400.144 SeqList.txt
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67 <170> SOFTWARE: PatentIn version 3.3
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 70 <211> LENGTH: 19
 71 <212> TYPE: RNA
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region
 77 <400> SEQUENCE: 1
 78 gccggaggccuu gggggcagcc 19
 81 <210> SEQ ID NO: 2
 82 <211> LENGTH: 19
 83 <212> TYPE: RNA
 84 <213> ORGANISM: Artificial Sequence
 86 <220> FEATURE:
 87 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region
 89 <400> SEQUENCE: 2
 90 cggguagcuc ggaggucgu 19
 93 <210> SEQ ID NO: 3
 94 <211> LENGTH: 19
 95 <212> TYPE: RNA
 96 <213> ORGANISM: Artificial Sequence
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 101 <400> SEQUENCE: 3
 102 uggcgcguggg ggcuagcac 19
 105 <210> SEQ ID NO: 4
 106 <211> LENGTH: 19
 107 <212> TYPE: RNA
 108 <213> ORGANISM: Artificial Sequence
 110 <220> FEATURE:
 111 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 113 <400> SEQUENCE: 4
 114 ccagcgcucu gucggggagg 19
 117 <210> SEQ ID NO: 5
 118 <211> LENGTH: 19
 119 <212> TYPE: RNA
 120 <213> ORGANISM: Artificial Sequence
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 125 <400> SEQUENCE: 5
 126 gcgcaagcggu uagguggac 19
 129 <210> SEQ ID NO: 6
 130 <211> LENGTH: 19
 131 <212> TYPE: RNA
 132 <213> ORGANISM: Artificial Sequence
 134 <220> FEATURE:
 135 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region

137 <400> SEQUENCE: 6
138 ccggucagcg gacucacccg

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RAW SEQUENCE LISTING

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Input Set : A:\02-742-0\400.144 SeqList.txt
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141 <210> SEQ ID NO: 7
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 143 <212> TYPE: RNA
 144 <213> ORGANISM: Artificial Sequence
 146 <220> FEATURE:
 147 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 150 gcccaggcg cucggugcu 19
 153 <210> SEQ ID NO: 8
 154 <211> LENGTH: 19
 155 <212> TYPE: RNA
 156 <213> ORGANISM: Artificial Sequence
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 161 <400> SEQUENCE: 8
 162 uggaauuuga uauucauug 19
 165 <210> SEQ ID NO: 9
 166 <211> LENGTH: 19
 167 <212> TYPE: RNA
 168 <213> ORGANISM: Artificial Sequence
 170 <220> FEATURE:
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 178 <211> LENGTH: 19
 179 <212> TYPE: RNA
 180 <213> ORGANISM: Artificial Sequence
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 185 <400> SEQUENCE: 10
 186 cuucuuuuuu cuuaaacau 19
 189 <210> SEQ ID NO: 11
 190 <211> LENGTH: 19
 191 <212> TYPE: RNA
 192 <213> ORGANISM: Artificial Sequence
 194 <220> FEATURE:
 195 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 197 <400> SEQUENCE: 11
 198 uuuuuuuuuua aaacuguau 19
 201 <210> SEQ ID NO: 12
 202 <211> LENGTH: 19
 203 <212> TYPE: RNA
 204 <213> ORGANISM: Artificial Sequence
 206 <220> FEATURE:
 207 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 209 <400> SEQUENCE: 12

210 uuguuuucucg uuuuaauuu
213 <210> SEQ ID NO: 13

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RAW SEQUENCE LISTING

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Input Set : A:\02-742-0_400.144 SeqList.txt
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214 <211> LENGTH: 19
 215 <212> TYPE: RNA
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 219 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 221 <400> SEQUENCE: 13
 222 uauuuuuugcu ugc当地auucc 19
 225 <210> SEQ ID NO: 14
 226 <211> LENGTH: 19
 227 <212> TYPE: RNA
 228 <213> ORGANISM: Artificial Sequence
 230 <220> FEATURE:
 231 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 233 <400> SEQUENCE: 14
 234 cccacuugaa uc当地ggccga 19
 237 <210> SEQ ID NO: 15
 238 <211> LENGTH: 19
 239 <212> TYPE: RNA
 240 <213> ORGANISM: Artificial Sequence
 242 <220> FEATURE:
 243 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 245 <400> SEQUENCE: 15
 246 acggcuuuggg gagauugcu 19
 249 <210> SEQ ID NO: 16
 250 <211> LENGTH: 19
 251 <212> TYPE: RNA
 252 <213> ORGANISM: Artificial Sequence
 254 <220> FEATURE:
 255 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 257 <400> SEQUENCE: 16
 258 ucuacuuccc caaaucacu 19
 261 <210> SEQ ID NO: 17
 262 <211> LENGTH: 19
 263 <212> TYPE: RNA
 264 <213> ORGANISM: Artificial Sequence
 266 <220> FEATURE:
 267 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 269 <400> SEQUENCE: 17
 270 uguggauuuu ggaaaccag 19
 273 <210> SEQ ID NO: 18
 274 <211> LENGTH: 19
 275 <212> TYPE: RNA
 276 <213> ORGANISM: Artificial Sequence
 278 <220> FEATURE:
 279 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region
 281 <400> SEQUENCE: 18
 282 gcagaaagag gaaagagg 19

285 <210> SEQ ID NO: 19
286 <211> LENGTH: 19

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Input Set : A:\02-742-0_400.144 SeqList.txt

Output Set: N:\CRF4\10182004\J764957.raw

287 <212> TYPE: RNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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293 <400> SEQUENCE: 19
294 uagcaagagc uccagagag 19
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298 <211> LENGTH: 19
299 <212> TYPE: RNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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305 <400> SEQUENCE: 20
306 gaagucgagg aagagagag 19
309 <210> SEQ ID NO: 21
310 <211> LENGTH: 19
311 <212> TYPE: RNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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317 <400> SEQUENCE: 21
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321 <210> SEQ ID NO: 22
322 <211> LENGTH: 19
323 <212> TYPE: RNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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329 <400> SEQUENCE: 22
330 ggcgcgggcgu gcgagcgc 19
333 <210> SEQ ID NO: 23
334 <211> LENGTH: 19
335 <212> TYPE: RNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
341 <400> SEQUENCE: 23
342 cgaaagcgac aggggcaaa 19
345 <210> SEQ ID NO: 24
346 <211> LENGTH: 19
347 <212> TYPE: RNA
348 <213> ORGANISM: Artificial Sequence
350 <220> FEATURE:
351 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
353 <400> SEQUENCE: 24
354 agugagugac cugcuuuug 19
357 <210> SEQ ID NO: 25

358 <211> LENGTH: 19
359 <212> TYPE: RNA

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Input Set : A:\02-742-O_400.144 SeqList.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:233; N Pos. 20,21
Seq#:234; N Pos. 20,21
Seq#:235; N Pos. 20,21
Seq#:236; N Pos. 20,21
Seq#:237; N Pos. 20,21
Seq#:238; N Pos. 20,21
Seq#:239; N Pos. 20,21
Seq#:240; N Pos. 20,21
Seq#:241; N Pos. 20,21
Seq#:242; N Pos. 20,21
Seq#:243; N Pos. 20,21
Seq#:244; N Pos. 20,21
Seq#:245; N Pos. 20,21
Seq#:246; N Pos. 20,21
Seq#:247; N Pos. 20,21
Seq#:248; N Pos. 20,21
Seq#:249; N Pos. 20,21
Seq#:250; N Pos. 20,21
Seq#:251; N Pos. 20,21
Seq#:252; N Pos. 20,21
Seq#:253; N Pos. 20,21
Seq#:254; N Pos. 20,21
Seq#:255; N Pos. 20,21
Seq#:256; N Pos. 20,21
Seq#:257; N Pos. 20,21
Seq#:258; N Pos. 20,21
Seq#:259; N Pos. 20,21
Seq#:260; N Pos. 20,21
Seq#:261; N Pos. 20,21
Seq#:262; N Pos. 20,21
Seq#:263; N Pos. 20,21
Seq#:264; N Pos. 20,21
Seq#:265; N Pos. 20,21
Seq#:266; N Pos. 20,21
Seq#:267; N Pos. 20,21
Seq#:268; N Pos. 20,21
Seq#:269; N Pos. 20,21
Seq#:270; N Pos. 20,21
Seq#:271; N Pos. 20,21
Seq#:272; N Pos. 20,21
Seq#:273; N Pos. 20,21
Seq#:274; N Pos. 20,21
Seq#:275; N Pos. 20,21
Seq#:276; N Pos. 20,21

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Input Set : A:\02-742-O_400.144 SeqList.txt
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Seq#:277; N Pos. 20,21
Seq#:278; N Pos. 20,21
Seq#:279; N Pos. 20,21
Seq#:280; N Pos. 20,21
Seq#:281; N Pos. 20,21
Seq#:282; N Pos. 20,21
Seq#:283; N Pos. 20,21

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:385; Line(s) 7925
Seq#:386; Line(s) 7937
Seq#:387; Line(s) 7949
Seq#:388; Line(s) 7961
Seq#:389; Line(s) 7973
Seq#:390; Line(s) 7985
Seq#:391; Line(s) 7997
Seq#:392; Line(s) 8009
Seq#:393; Line(s) 8021
Seq#:394; Line(s) 8033
Seq#:395; Line(s) 8045
Seq#:396; Line(s) 8057
Seq#:397; Line(s) 8069
Seq#:398; Line(s) 8081
Seq#:399; Line(s) 8093
Seq#:400; Line(s) 8105
Seq#:401; Line(s) 8117
Seq#:402; Line(s) 8129
Seq#:403; Line(s) 8141
Seq#:404; Line(s) 8153
Seq#:405; Line(s) 8165
Seq#:406; Line(s) 8177
Seq#:407; Line(s) 8189
Seq#:408; Line(s) 8201
Seq#:409; Line(s) 8213
Seq#:458; Line(s) 10292
Seq#:459; Line(s) 10320
Seq#:460; Line(s) 10353
Seq#:461; Line(s) 10385
Seq#:462; Line(s) 10417
Seq#:463; Line(s) 10450
Seq#:464; Line(s) 10484

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Input Set : A:\02-742-0_400.144 SeqList.txt
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L:2868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:2886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0
L:2904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
L:2922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:2940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:2958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:2976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:2994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0
L:3032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0
L:3080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:3128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:3186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:3219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0
L:3262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:3310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:3363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:3411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
L:3479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:3552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:3640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0
L:3683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:3746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
L:3814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:3892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:3935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:3998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:4066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:4149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:4192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:4255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:4323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:4411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:4439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:4467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:4495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:4523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:4546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:4569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:4592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:4615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:4633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:4651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:4669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:4687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:4705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:4723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:4741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:4759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0

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L:4777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:4795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0